

## NAVY PLANS TO MAP GULF STREAM'S BED

Will Employ Sonic Depth  
Finder, Marvelous New  
Instrument.

TO DETECT ANY SHIFTS

Survey Will Show if  
Europe's Frigid Fears  
Have Real Basis.

TEST IN FLORIDA STRAITS

Soundings to Center at Point  
Where Changes in Bottom  
Would Divert Current.

Special Dispatch to THE NEW YORK HERALD.

New York Herald Bureau,  
Washington, D. C., Oct. 7.

The Sonic depth finder, a new and remarkable instrument just developed by the navy, will be put to work in the Florida Straits to learn whether there has been any change in the bottom of the ocean which might shift the current of the Gulf Stream.

This became known to-day through Capt. Frederick B. Bassett, chief of the Navy Hydrographic Office, following a second cable to THE NEW YORK HERALD from Paris, expressing the fears of Prof. Bergeret, director of the Institute of Oceanography, that the course of the Gulf Stream may be upset by shifts along the line of the Florida East Coast Railway, thereby changing the climatic conditions of Europe.

The Sonic depth finder measures ocean depths with much more speed than ever has been possible before. From its readings relief maps of great value are made.

The depth finder was devised by Prof. Harvey C. Hayes of the Bureau of Naval Engineering, stationed at Annapolis, and is the application of war invention to peace time. During the war the navy developed a machine to detect the presence of submarines. The principle was simple—the creation of a sound which would echo back through the water when it came in contact with any object. The length of time then for the echo to be heard would give a key to the distance of the object.

What the navy had to know was how rapidly sound traveled through water. The time between emission of the sound and the return of the echo, when divided by two indicated the time required for one-way travel.

This instrument, adapted to fathoming the ocean, makes it no longer necessary, as in the old days, to drop a line to make a sounding.

The bed of the Florida straits has been fairly well marked over a period of years, but the figures have been carried along without much correction. There never has been any effort to make new soundings to see if there had been any changes.

Navy hydrographic officers take seriously the questions brought up by Prof. Bergeret, that the course of the Gulf Stream might be influenced by the work on the East Coast Railway. They are

inclined to think that, if the Gulf Stream has shifted in its course, it would be due to a change in the formation of the bottom of the Florida straits which would be revealed by new soundings.

Just when it will be possible to make these soundings is a question. The depth finder is so new that it has been used only to a limited extent, although the navy plans to get more instruments and put them to work as rapidly as possible.

The Paris cable printed in THE NEW YORK HERALD Friday indicated that Professor Bergeret and other foreign scientists had feared that some other project other than the fill of the railroad, which runs along the Florida Keys for 100 miles, from the mainland to Key West, was proposed in the United States.

Captain Bassett and Dr. C. C. Clark, Acting Chief of the Weather Bureau, who also has been intensely interested in the discussions that have been set on foot, declared to-day that they knew of no other proposal—that the East Coast Railroad was what had prompted the fears in Europe.

While the Panama Canal was being built similar fears were expressed. The Panama Canal, however, has in no way affected the course of the Gulf Stream.

FEDERALS DEFEAT MURGUIA.

El Paso, Tex., Oct. 7.—Loyal Mexican troops led by Gen. J. G. Escobar overtook a rebel column commanded by Gen. Francisco Murguia in the mountains of Durango and routed them, killing Col. Leopoldo Salinas and twenty-two other rebels and capturing Gen. Alberto Salinas, Murguia's chief of staff, and Col. Alvarado Abrego and Ricardo Palacios, according to announcement in Juarez to-day.

## SUES FOR \$650,000 ON LOSS OF EDITOR

Campbell Has Cause of Action  
on McClure Contract, Justice Decides.

Justice McCook of the Supreme Court of New York, in a case with novel aspects of contractual liability which came before him last week, has decided that Charles M. Campbell has a cause of action in seeking \$650,000 damages from Moody B. Gates, president of F. M. Lupton, Publisher, Inc., for causing S. S. McClure to break a contract to establish a new magazine.

Justice McCook ruled that he had authority for holding liable a person not a party to a contract who seeks by alleged fraudulent or other wrongful means to induce one party to break the contract. Counsel for Mr. Gates asked that the complaint be dismissed on the ground that no cause of action was stated.

Mr. Campbell in his complaint alleged that on June 1, 1921, he and Mr. McClure agreed to co-operate in establishing a magazine, Mr. Campbell to raise \$50,000 for the enterprise. Further alleging that Mr. Gates knew of this agreement, Mr. Campbell says that Mr. Gates in November "maliciously induced" Mr. McClure to violate his agreement and persuaded him to enter

the employ of the McClure Publication Co., or some other corporation, as editor-in-chief.

In estimating the damages Mr. Campbell asks \$50,000 because he was deprived of employment as business manager of the projected magazine, \$100,000 because he was deprived of the service of Mr. McClure, and other damages of \$500,000.

## NEW YORK UNIVERSITY TAKES BLIND STUDENT

John Lee Coyle Proves Ability  
to Pass College Tests.

For the first time in its history New York University has a blind student, John Lee Coyle, 19 years old, who is enrolled in the freshman class in the College of Arts and Pure Sciences.

Coyle was graduated from De Witt Clinton High School. When he was 15 years old he received a medal from President Taft for exceptional ability in reading poetry.

Blindness came to young Coyle as the result of an accident when he was two years old. His parents sent him to

Public School 171, where he was graduated with the highest rank in his class. His excellent scholarship in high school won for him election to Arista.

When he came to New York University some skepticism was expressed concerning the practicability of a college course, but after he showed his examinations how he takes lecture notes with a shorthand system of Braille he was given an opportunity to show his ability in the classroom. He has been permitted to substitute a language or a science for mathematics.

His ambition is to become a lawyer, and to this end he expects to study six years at New York University for degrees in both arts and law.

## GAVE STRANGER A 'LIFT'; NOW TRIES TO FIND CAR

New Yorker's Motor Disappeared After Accident.

Police of Croton-on-the-Hudson were asked yesterday to try to recover an automobile owned by Louis Superior of 610 West 141st street. It is alleged a man whom Superior gave a "lift" made away with the car after another car collided with it and Superior was removed to Cushing Hospital.

## BOY AND LABORER DIE FROM MOTOR ACCIDENTS

Long Island Couple Injured  
on Honeymoon Trip.

Motor accidents were responsible for two deaths in New York yesterday. Charles George, 65 West 107th street, was backing a limousine out of a garage when one of the wheels ran over Vincent Carlezo, a 2-year-old Columbus avenue boy, who was playing in the street. George took the boy to Reconstruction Hospital, where he died soon after. George was arrested on a technical charge of homicide.

Agatino Costa, 9 Hamilton street, Manhattan, died in the Wyckoff Heights Hospital, Brooklyn, of injuries sustained Thursday when a motor truck ran off the street pavement and pinned him in a ditch in which he was working at Cypress avenue and Cornelia street, Ridgewood, Queens.

A Manhattan and Plum Beach motor bus was struck by a Seagale trolley car yesterday as it was being driven into Emmons avenue from Shore road.

## BOY AND LABORER DIE FROM MOTOR ACCIDENTS

Long Island Couple Injured  
on Honeymoon Trip.

Motor accidents were responsible for two deaths in New York yesterday. Charles George, 65 West 107th street, was backing a limousine out of a garage when one of the wheels ran over Vincent Carlezo, a 2-year-old Columbus avenue boy, who was playing in the street. George took the boy to Reconstruction Hospital, where he died soon after. George was arrested on a technical charge of homicide.

Agatino Costa, 9 Hamilton street, Manhattan, died in the Wyckoff Heights Hospital, Brooklyn, of injuries sustained Thursday when a motor truck ran off the street pavement and pinned him in a ditch in which he was working at Cypress avenue and Cornelia street, Ridgewood, Queens.

A Manhattan and Plum Beach motor bus was struck by a Seagale trolley car yesterday as it was being driven into Emmons avenue from Shore road.

## BOY AND LABORER DIE FROM MOTOR ACCIDENTS

Long Island Couple Injured  
on Honeymoon Trip.

Motor accidents were responsible for two deaths in New York yesterday. Charles George, 65 West 107th street, was backing a limousine out of a garage when one of the wheels ran over Vincent Carlezo, a 2-year-old Columbus avenue boy, who was playing in the street. George took the boy to Reconstruction Hospital, where he died soon after. George was arrested on a technical charge of homicide.

Agatino Costa, 9 Hamilton street, Manhattan, died in the Wyckoff Heights Hospital, Brooklyn, of injuries sustained Thursday when a motor truck ran off the street pavement and pinned him in a ditch in which he was working at Cypress avenue and Cornelia street, Ridgewood, Queens.

A Manhattan and Plum Beach motor bus was struck by a Seagale trolley car yesterday as it was being driven into Emmons avenue from Shore road.

## PLEDGES RUSTON FAIRNESS.

Mayor Hylan wrote to District Attorney Ruston of Kings county yesterday saying he is sure Commissioner of Accounts David Hirschfeld will treat the District Attorney fairly in investigations he is making of the latter's office. Referring particularly to the District Attorney's complaint of the way in which Commissioner Hirschfeld brought out testimony in regard to the disposition of certain lots of seized liquor, the Mayor said it is not becoming in the District Attorney to be squeamish.

## Jay Thorpe Inc.

24-26 FIFTY-SEVENTH STREET WEST

## MILLINERY

FOR  
IMMEDIATE WEAR

To meet the increasing demand for Jay-Thorp ready-to-wear millinery, we have assembled a new collection of smart hats—exact copies of late Parisienne successes, including a number of original creations.

15<sup>00</sup> — 20<sup>00</sup> — 25<sup>00</sup>

Main Floor Department

## La Mode dans le Monde

au theatre

On fashion's stage madam or mademoiselle will play the title role if she selects her attire from the magnificent ensemble of Paris and American creations presented in the various salons at Stewart & Co. Fashion points to semi-formal modes for the theatre and the festivities that follow—and when fashion whispers, one must heed.

a la danse

It is said that one looks loveliest when under the soft glow of candelabrous evening lights. Be that as it may, it is quite essential that milady follow fashion's every new step, and select raiment that will accentuate her natural charm and express rather than absorb her personality. The new evening modes proffered by Stewart & Co. depict a wealth of new and compelling style-graces inspired by both Paris and America.

au the

For tea time milady must be in time with fashion's newest conceits. From chapeau to footwear the fashionable woman must exude the very cachet of smartness. The hat may be large or small, picturesque or naive. The shoes should speak for themselves with the new colonial tongues. And, the gown may be of Chiffon Velvet or silken crepes, gorgeously elaborated with radiant beads or artistic embroidery. The new front or side draped models are particularly winsome.

aux cartes

At the card game in fashionable circles, fashion invariably plays the winning hand. Twixt rubbers of bridge that little chat will lead to your gown and many comments of admiration will be exclaimed if your attire is strikingly attractive. Our brilliant array of dresses, many of which have just arrived from Paris, provides a veritable treat to one who seeks the individual and disdains the ordinary.



Whether milady dreamily waltzes or gayly glides thru the intricacies of the fox trot, she will always be one step ahead in fashion if she chooses Stewart & Co. as her style leader.

THE season of the play and dance is here, and with it many new fashions make their debut at Stewart & Co. And they will be accorded an enthusiastic reception, for they evince that exclusiveness in style does not require the exclusion of moderate prices.

## Dinner and Evening Gowns 69.50

One may proudly trip the light fantastic when arrayed in one of these radiant evening gowns—Brocaded metal cloths of gold and silver, woven so delicately as if by Arachne's magic. Vivaciously colored Silk Chiffon Velvets adorned with scintillating beads or silvery laces, or those alluring frocks of translucent chiffon that sparkle with life and color.

## Winsome Frocks for Informal Wear 49.50

For the many informal yet dressy functions of the season milady should have one of these semi-formal dresses. Fashioned of silk Chiffon Velvet with their bertha collars, basque bodices and flaring skirts they are quaintly demure, yet quite sophisticated. Delightful frocks of Satin Canton Crepe, deftly fashioned into artfully draped models.

## Monkey and Caracul Fur Collared Coat 112.50

This enchanting coat reveals a fanciful innovation indeed—a voluminous collar, fashioned by combining the two favored furs—Monkey Fur and Caracul Fur. The coat is quite as distinctive as its collar, for it is fashioned of Cleavella—a lustrous, deep pile, wool fabric—into an artful side fastening model. Its novel cuffs, trimmed with self tucks, lend smartness.

## Silver Metallic Cloth Evening Wraps 79.50

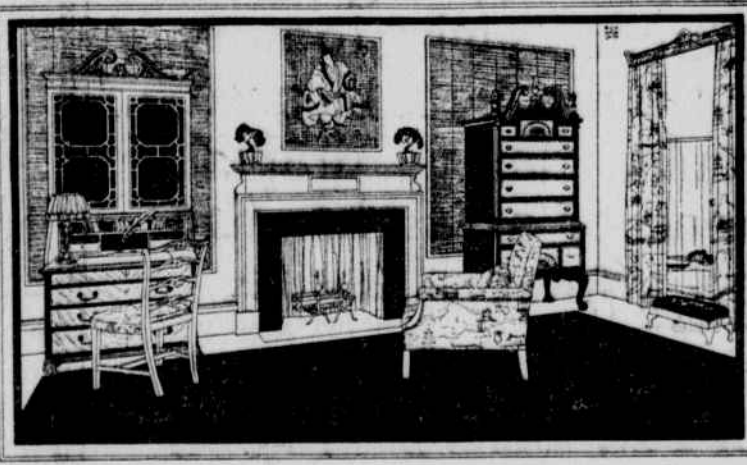
At the evening affair, how happy you'll be when you nonchalantly throw one of these beautiful evening wraps about your shoulders. Skilfully fashioned of shimmering Brocaded Silver metal cloths and enriched with the most flattering furs. Lined with exquisite silken crepes to either harmonize or effect a striking contrast with the evening gown.

## Fur Adorned Costume Suits 79.50

The three piece costume suit plays an important part in the Autumn wardrobe, for the suits lend madame that debonair chic and youthful charm that no other garment can impart. Impeccably tailored of soft lustrous woolen fabrics, and elaborated with exquisite fur collars, cuffs and borders—Beaver, Squirrel or Caracul Fur. Prominently featured are the appealing Bulgarian inspired bloused models with their intriguingly draped wrap-around effect skirts as well as the youthful flare box models.

For the best in furniture, the best in  
value and the most in satisfaction

## Flint's Fine Furniture



Why a specialist in furniture  
gives you the best values

THE BASIS of our belief that  
we can give you the greatest  
furniture values in New York is  
just this:

Our whole business is devoted to  
the one subject of good furniture. We  
know furniture and furniture values  
as the result of a life-time's study.

And because of this greater knowledge  
and more intense application to  
one problem, we are never undersold.

Eight floors of good furniture are

here; every suite—every chair—is a  
witness to the fact that, in furniture,  
the best values are to be had from a  
dependable specialist.

Dining room suites in mahogany and  
walnut, from \$298 to \$4988; twenty-  
one under \$500.

Bedroom suites in walnut, mahogany  
and decorated enamel, from \$229 to  
\$2356; forty-eight under \$500.

Custom made three-piece uphol-  
stered living room suites, various  
coverings, from \$355.

FLINT & HORNER CO., Inc.

20-26 WEST 36TH STREET

A few yards from 5th Avenue

Stewart & Co.

Fifth Ave.

At 37th St.

Correct Apparel for Women & Misses